

 **FUJIFILM**

35mm camera

E

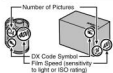
***Zoom Date
160EZ***

Owner's Manual

W

About This Owner's Manual

1 LOADING THE FILM



Your camera uses standard 35mm film. Almost all 35mm films will have a DX coding symbol on the film box and on the film holder itself.



1 Check that there is no film in the camera and that the picture counter is not showing.



2 Slide the camera back lock slowly in the direction of the arrow as shown in the picture at left.
3 Open the camera back as shown.


- If non-DX coded film is used, the camera's automatic exposure system sets itself to ISO 100.
- Always load and remove film from the camera away from direct sunlight.
- When loading or removing the film, take care not to touch the lens, and prevent dust or other debris from getting in the camera. If needed clean the camera using

the "Common Sense Camera Care" on page 45.

- Never open the camera back while the film is in use in the camera. Before taking out the film, refer to page 25.
- Do not apply force to the camera back.

film
Using Your Camera

Details of Operation

: Operation of the camera, helpful information

: see page

Note:

The circled numbers show the details for items above where there might be questions.

● Contents	1
● Features	1
● Important Safety Notice	2
● Part Names	4
● Menus & Modes	6
How to Use the MENU/SET Button and Four-direction Button	7
● Quick Start Guide	8
An Easy Introduction to Automatic Photography with Your FUJIFILM Camera	8
AF Lamp	9
Viewfinder	10
Viewfinder Diopter Adjustment	10

Preliminary Steps

1 ATTACHING THE STRAP	11
2 LOADING THE BATTERY	12
3 TURNING ON AND OFF THE CAMERA	13
CHECKING THE BATTERY	13
4 SETTING THE DATE	14
5 SELECTING THE DATE MODE	16

Using Your Camera

1 LOADING THE FILM	17
2 USING THE CAMERA	19
Close-up Photography	22
3 USING THE AUTO-FOCUS LOCK	24
4 TAKING OUT THE FILM	25

Advanced Techniques

1 SELECTING THE FLASH MODE	28
Effective Flash Range	29
2 SELECTING THE SELF-TIMER MODE	32
3 SELECTING THE REMOTE CONTROLLER MODE	34
4 SELECTING THE FOCUS MODE	37



- Intelligent Multi-programmed Flash .. 40
- Trouble Shooting
- Common Sense Camera Care .. 45
- Specifications










Features

- Super EBC Fujinon 38 – 160mm Auto-focus Zoom Lens
- Large LCD Panel with Back Light
- Intelligent Multi-Programmed Flash with Red-eye Reduction
- Date/Time Imprinting

Important Safety Notice

This product has been made to be as safe as possible. This product will provide long, safe service when handled correctly. It is important that this product is handled properly and used only to take pictures. For your ease and safety, please follow what is written in this manual. It is also a good idea to keep this manual in a safe, easy to find place where you can refer to it if needed.

 WARNING	 CAUTION
This symbol indicates danger, which could result in injury or death. Please follow these instructions.	This symbol indicates possible damage, which could result in injury to other people or damage to an object. Please follow these instructions. Please handle the product properly.

 WARNING	
	Never attempt to take this product apart. There is a danger of an electric shock.
	If this product is dropped or damaged so that the inside is showing, do not touch it. There is danger of an electric shock.
	If the camera or the batteries inside become hot, begin to smoke, make a burning smell or show any sign of unusual condition, remove the batteries right away. Use gloves to keep from burning your hands. Not removing batteries could result in burns or fire.
	Using a flash too close to a person's eyes may for the short term affect the eyesight. Take care when taking picture of infants and young children.
	If your camera gets wet or if something such as pieces of metal get inside, remove the batteries right away to avoid heat buildup or a fire starting inside the camera.
	Do not use this camera in places where there is flammable gas or near open gasoline, Benzine, paint thinner or other unstable substances which can give off dangerous vapors. Failure to do this could result in explosion or fire.
	Store your camera out of the reach of infants and young children. Failure to do this could result in serious injury. (For example, the strap could become wrapped around a child's neck and cause choking.)
	Never take apart the batteries. Do not subject them to heat, throw them into an open fire, attempt to recharge them or short-circuit them. Doing so could result in the batteries exploding or splitting open causing burns or fire.

 **WARNING**



Use only the type of batteries specified in your camera's instructions. Failure to do this may result in excessive heat buildup or fire.



Make sure batteries are stored in a safe, secure place and well out of the reach of any infants, young children or pets. Improper storage could result in a child swallowing a battery. (If a child swallows a battery, call a doctor or a hospital right away.)

 **CAUTION**



Never get this product wet or handle it with wet hands. Doing so may result in an electric shock.



Never take flash photographs of people riding bicycles, driving cars or riding a horse. The flash can distract the driver and frighten the animal, possibly causing an accident.



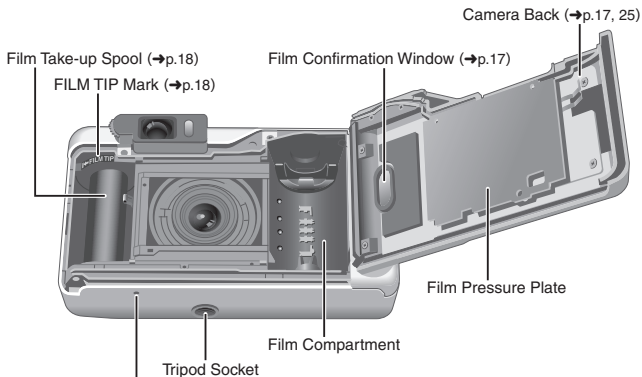
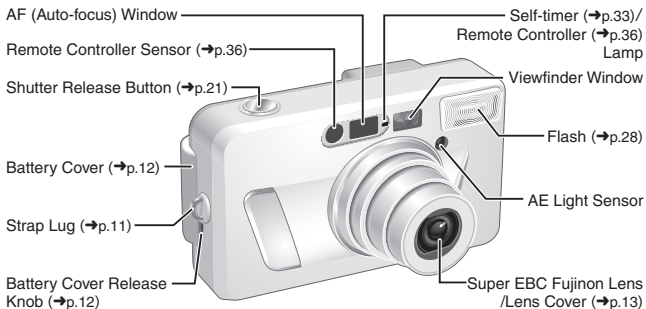
Observe correct polarity when loading batteries. Never load batteries with the \oplus and \ominus poles the wrong way. Failure to load them correctly could result in the batteries splitting open and leaking. This could result in fire, burns or damage.

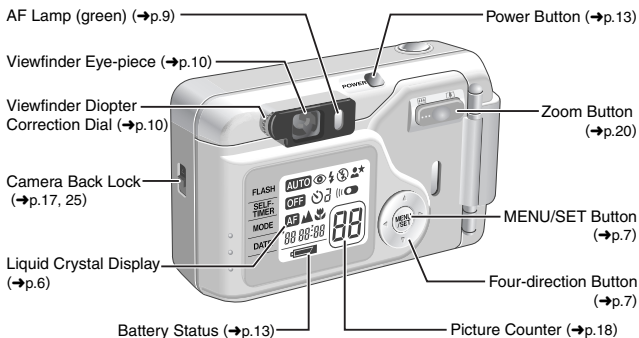


The "CE" mark certifies that this product satisfies the requirements of the EU (European Union) regarding safety, public health, environment and consumer protection. ("CE" is the abbreviation of Conformité Européenne.)







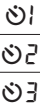









This product is in conformity with Directive 89/336/EEC.

Part Names

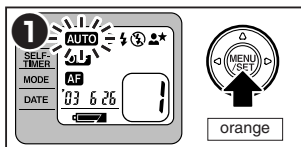




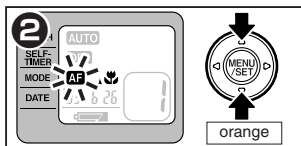
Menus & Modes

Menu	Mode	Descriptions	See Page	
FLASH	 Intelligent Multi-programmed Flash Mode	Used for general photography. ● The amount of light put out by the flash is changed to adjust for the brightness of the subject, the distance, and the zoom.	28	
	 Red-eye Reduction Flash Mode	Reduce red-eye.		
	 Fill-in Flash Mode	Used when taking pictures against the light. ● The flash fires even in a bright place.		
	 Flash-off Mode	Used when not making the flash fire. ● The flash stops firing.		
	 Night Portrait (Slow Sync) Mode	Used when taking pictures of a background in a night scene. ● The slow shutter speed & red-eye reduction flash mode are selected.		
SELF-TIMER	 Self-timer/Remote Controller Off Mode (Normal Mode)	Used for general photography without using the self-timer and remote controller mode.	32	
	 Self-timer Mode	1 shot		Used when taking pictures of yourself. ● A timer runs for 10 seconds before the shutter is released.
		2 continuous shots		
		3 continuous shots		
 Remote Controller Mode	When you are far from the camera and want to press the shutter release button. ● A FUJIFILM remote controller is required.	34		
MODE	 AF (Auto-focus) Mode	Used for general photography.	37	
	 Landscape Mode	Used when taking landscape pictures. ● The flash does not fire.		
	 Macro Mode	Used when you want to take close-up pictures of small subject such as flowers and insects. ● The lens focal length is fixed at 160mm.		
DATE	 Year - Month - Day		16	
	 Month - Day - Year			
	 Day - Month - Year			
	 Day - Hour - Minute			
	 Nothing printed	Used when you do not want to imprint the date.		

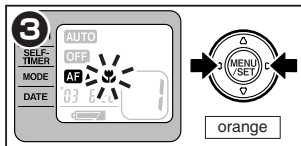
How to Use the MENU/SET Button and Four-direction Button



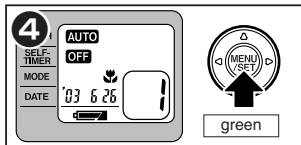
- 1 Enter the menu and mode selection mode.



- 2 Select the menu.
☞ Make the menu you want to change blink/light.



- 3 Select the mode.
☞ The current mode blinks.

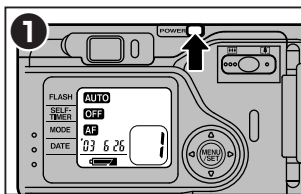


- 4 Set the mode.
☞ The set mode is displayed.


- The LCD backlight is green when the power is turned on and when a mode has been set (goes out after 10 seconds).
- The LCD backlight is orange while the mode is being selected (goes out after 10 seconds of no operation).
- When the LCD is difficult to read at night etc, press any of the Δ , ∇ , \triangleleft or \triangleright buttons to turn the backlight (green) on.

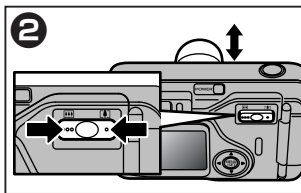
Quick Start Guide

An Easy Introduction to Automatic Photography with Your FUJIFILM Camera.

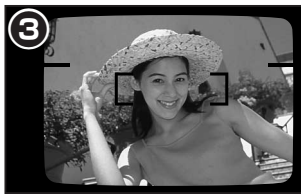


1 Press the POWER button to turn the power on.

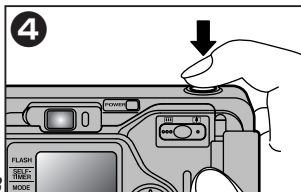
 **AUTO**, **OFF** and **AF** are displayed on the LCD and the camera is set for automatic mode.



2 Adjust the zoom.



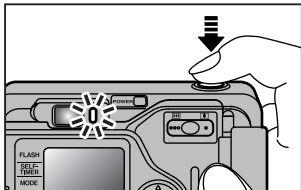
3 Compose the picture.



4 Press the shutter release button down completely.

Great pictures can be taken with just the directions in this book from page 19 forward.



● AF Lamp



When the shutter release button is pressed down halfway, the AF lamp (green) lights or blinks.

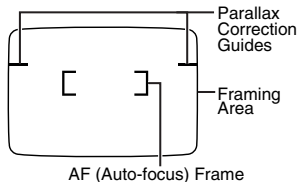
■ AF Lamp Status and Meaning

*When the shutter release button is pressed down halfway.

Status	Meaning
Lit	Photography is possible (Focus and exposure settings complete).
Rapid blinking	Out of focusing range. Check that the subject is at least 0.75m (2.5ft.) from the camera. *The shutter lock operates in the  mode. Check that the subject is 0.65 – 1.3m (2.1 – 4.3ft.) from the camera.
Slow blinking	Out of focus. ● Check that the subject is within the AF frame. ● The camera cannot focus on the subject. Focus on an object the same brightness and the same distance as the subject you want to photograph and use the AF lock. *The shutter lock operates in the  mode.

Quick Start Guide

●Viewfinder



Framing Area

Compose the picture within this area.

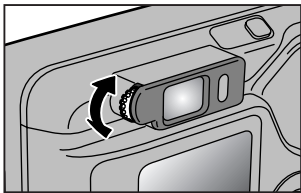
AF (Auto-focus) Frame

Position this frame over the main subject in your picture.

Parallax Correction Guides

When taking pictures at close distances (closer than 1.3m/4.3ft.), use these guides to compose the picture (→p.22).

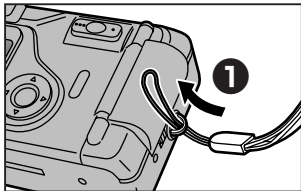
●Viewfinder Diopter Adjustment



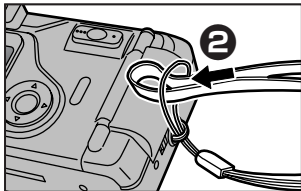
If the subject cannot be seen clearly, completely zoom out to obtain a wide-angle (→p.20), and then look through the viewfinder and adjust the viewfinder diopter correction until a subject about 3m (9.8ft.) away can be seen clearly.

1

ATTACHING THE STRAP



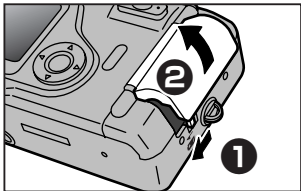
Slip the thin piece of the camera strap through the small hole on the left side of the camera and leave a loop. Slide the thick part of the strap through this loop and pull tight. Take up any slack to make sure the strap is tightly on the camera.



- Do not use a strap made for cellular phones or other products. These straps are usually too weak to hold your camera securely. For safety, use only straps made for cameras.

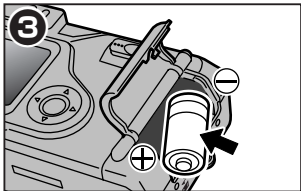
2

LOADING THE BATTERY



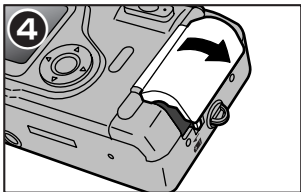
Your camera requires one 3V lithium battery, type CR2/DL CR2.

- 1 Move the battery cover release knob in the direction of the arrow.
- 2 Flip open the battery cover.



- 3 Load the battery, \ominus end first following the instructions shown in the drawing on the inside of the battery cover.

Important: Pay careful attention to the polarity of the battery as indicated by the \oplus and \ominus signs on the battery. The battery must be loaded the correct way or the camera will not work.

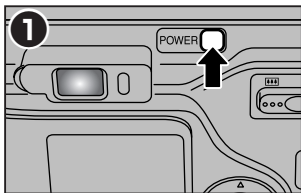


- 4 When the battery is loaded correctly, close the battery cover by pressing it until it snaps into place. If it does not snap into place, do not force it but recheck the position of the batteries.

- One new lithium battery should be enough for about 200 pictures (based on our test conditions).
- When traveling, take extra batteries in the event the batteries stop working. This is important if you visit areas where new batteries may be difficult to get.
- After changing the battery, reset the date to get the right date/time recording (→p.14).
- Do not apply force to the battery cover.

3

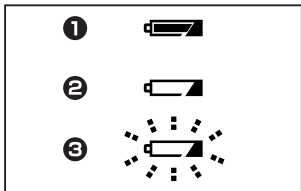
TURNING ON AND OFF THE CAMERA/ CHECKING THE BATTERY



- 1** Before using the camera, you must turn the power on. First press the POWER button to turn the power on. Pressing this button a second time will turn the power off.

- ☞ When you turn your camera on, the lens cover opens and the display appears on the LCD.
- ☞ When the power is turned on, the camera is set for automatic mode (→p.19).

CHECKING THE BATTERY



To determine the capacity of the battery in the camera, turn the camera on and check the battery status on the LCD panel.

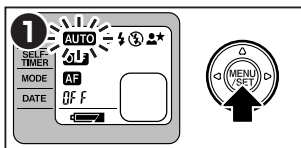
- 1** Lit: Battery is OK.
- 2** Lit: Battery is low. Replace with the new battery.
- 3** Blinks: The shutter cannot be released because battery is dead. Replace with the new battery.

- When you are finished using the camera, turn the power off to keep the battery working longer. If the power supply is left on for more than 7 minutes without the camera being used, the camera will turn itself off.
- Before you turn the camera on, make sure that the lens is not blocked by anything that would keep the lens from moving into picture-taking position.
- Check the battery power level before you use the camera.
- The battery can be replaced even while there is a partially exposed roll of film in the camera.

4

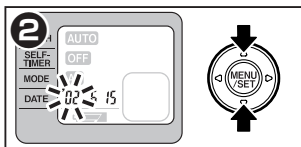
SETTING THE DATE

Setting the Date When Loading or Changing the Battery



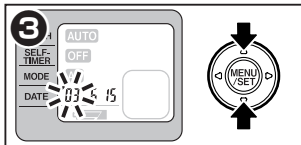
- 1** Turn the camera on and press the MENU/SET button.

The LCD lights orange and the menu selection mode is entered.

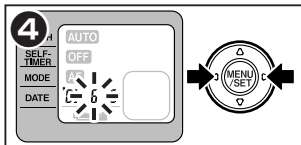


- 2** Press the Δ / ∇ buttons to make the DATE menu blink.

The year "02" blinks and the date setting mode is entered.



- 3** Press the Δ / ∇ buttons to change the numbers that are blinking.



- 4** Press the \triangleleft / \triangleright buttons to change the item (year, month, day, hour, minute) to be set.

The selected item blinks.

• You can set:

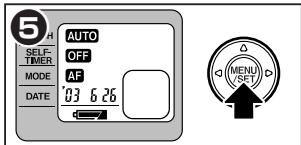
Year: '02 to '32 (2002 to 2032)

Month: 1 to 12 Day: 1 to 31

Time: 0 to 23 Hours: 00 to 59 minutes

(Based on a 24-hour clock)

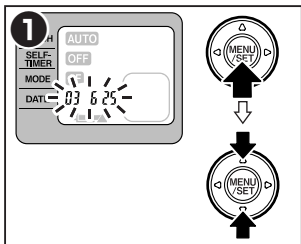
- The year, month, and day will change together with the hour and minute.



- 5** When the date has been set, press the MENU/SET button.

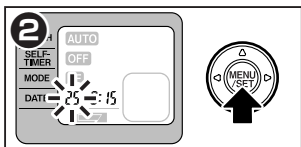
- ☞ The LCD changes to green and the date set is shown.
- ☞ To set the time (hour or minute) by the radio, press the MENU/SET button when the time signal indicates zero.

Changing the Date After Setting It



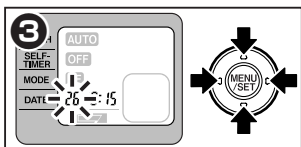
- 1** Select the DATE menu.

- ☞ The date mode blinks.



- 2** Hold the MENU/SET button down for 2 seconds or longer.

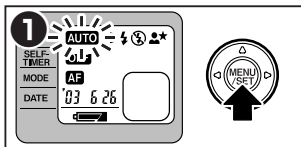
- ☞ The “Day” blinks and the date change mode is entered.



- 3** Using the procedure described in steps **4** to **5** above, set the date with \triangle ∇ \triangleleft \triangleright the buttons. After the date has been set, press the MENU/SET button.

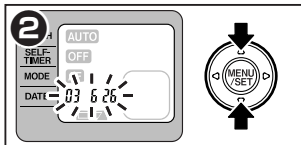
5

SELECTING THE DATE MODE



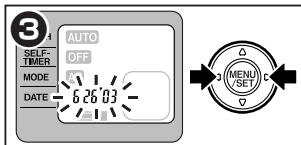
1 Turn the camera on and press the MENU/SET button.

The LCD lights orange and the menu selection mode is entered.



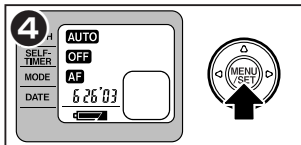
2 Press the Δ ∇ buttons to make the DATE menu blink.

The date selection mode is entered.



3 Press the \triangleleft \triangleright buttons and select the date mode.

The selected mode blinks.



4 Press the MENU/SET button to complete the setting.

The LCD changes to green and the mode set is shown.

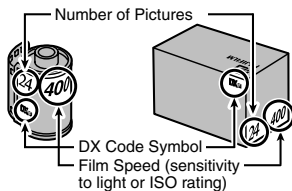


The date mode you choose will be imprinted at the lower right of the picture.

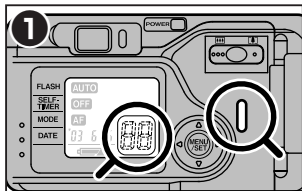
- If the "OFF" is chosen, no date will be imprinted on the picture.
- The date printed on the front of the picture may not be clearly visible against a dark background.
- Since the date is imprinted on the film when the picture is being advanced, the date may not be printed on the last frame when more than the standard number of frames are taken.

1

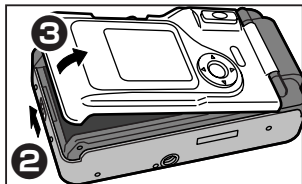
LOADING THE FILM



Your camera uses standard 35mm film. Almost all 35mm films will have a DX coding symbol on the film box and on the film holder itself.



- 1 Check that there is no film in the camera and that the picture counter is not showing.



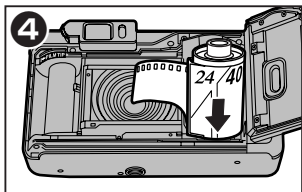
- 2 Slide the camera back lock slowly in the direction of the arrow as shown in the picture at left.
- 3 Open the camera back as shown.

- If non-DX coded film is used, the camera's automatic exposure system sets itself to ISO 100.
- Always load and remove film from the camera away from direct sunlight.
- When loading or removing the film, take care not to touch the lens, and prevent dust or other debris from getting in the camera. If needed clean the camera using

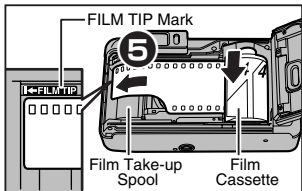
the "Common Sense Camera Care" on page 45.

- 2 Never open the camera back while the film is in use in the camera. Before taking out the film, refer to page 26.
- 3 Do not apply force to the camera back.

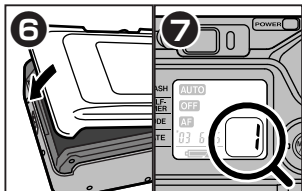
LOADING THE FILM



- 4** To load the roll of film, keep the long end of the film take-up spool in the direction shown in the picture. Drop the film in the camera.



- 5** While holding the film in place, pull the end of the film out to the FILM TIP mark and place it on top of the spool.



- 6** Close the camera back.
The film is wound to the first frame.

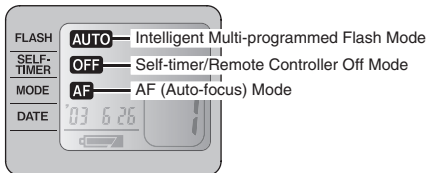
- 7** Check that “1” is showing on the counter.

- 5** Hold the film down so that it does not pop out.
5 Make sure the end of the film is correctly threaded onto the spool.
5 If the film should be pulled out too far, remove the film and turn the longer end of the spool slowly to rewind some of the exposed film and adjust the end to the correct length to reach the FILM TIP mark. Be careful not to rewind the end all the way into the cassette.

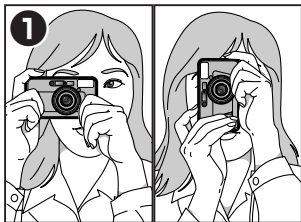
- 6** The type, number of pictures, and film speed that has been loaded may be checked with the film window.
7 If the film is not loaded correctly, the “E” blinks on the LCD and the shutter cannot be released. In this case, load the film again making sure it is loaded correctly.

When the camera is turned on, the camera is set for automatic mode. How to take pictures with the automatic mode is explained here.

- Refer to "Advanced Techniques" (→p.28) for details how to use the other modes.



<Holding the Camera>



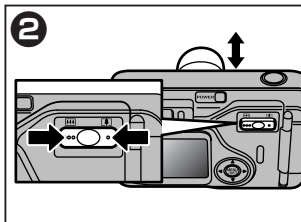
- 1 Turn the camera on and hold it firmly using both hands as shown in the picture.



☞ When taking vertical pictures, hold the camera with the flash unit at the top.

- Before taking important, once-in-a-lifetime pictures such as weddings or special events, take a few test shots to make sure your camera is working correctly. If you bought your camera before going on a trip, shoot a roll or two to get familiar with how the camera works. Bring an extra set of batteries and keep this book with you for handy reference.
- 1 Make sure that nothing is blocking the lens, the flash, the AF (Auto-focus) windows or the AE (Automatic exposure) light sensor. Place your finger as shown in the picture.

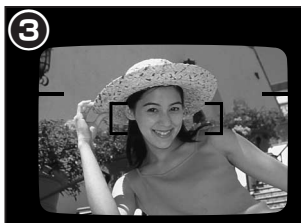
USING THE CAMERA

<Zooming>



- 2 To use the zoom lens, press the  mark until you see your subject in the viewfinder. Pressing the  mark will set the lens at the shorter lengths that obtain wide-angle coverage.



<Composing the Picture>



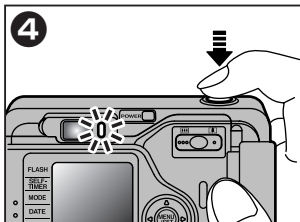
- 3 Aim the camera at the subject so that the whole AF frame covers it.

e The focusing range for clear pictures in the **AF** mode is a minimum of 0.75m (2.5ft.) with no maximum.

Change the focus mode in the following cases.

- Long distance photography:  mode (→p.38)
- Macro photography (focusing range 0.65 – 1.3m/2.1 – 4.3ft.):  mode (→p.39)

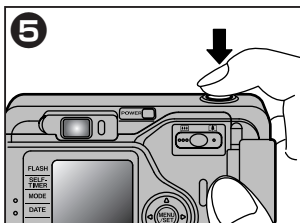
<Pressing the Shutter Release Button Down Halfway>



4 Press the shutter release button down halfway.

- ☞ Focusing is complete when the AF lamp (green) lights up (→p.9).

<Pressing the Shutter Release Button Down Completely>



5 Press the shutter release button down completely the picture is taken.

- ☞ The film is advanced to the next frame.
- ☞ The number shown on the counter increases by 1 with each shot taken.

4 If you are closer than 75cm (30in.) to the subject, the AF lamp will start blinking rapidly to warn you that the subject cannot be focused. If you are closer than 30cm (12in.) to the subject, the AF lamp is blinking slowly and the subject cannot be focused (→p.9).

5 The AF lamp and self-timer/remote controller lamp will go off once and reappear right after the shutter is released.

5 During the charging time of the flash (when the alarm sign is blinking “⚡”), the shutter cannot be released.

USING THE CAMERA

●Close-up Photography



When photographing a subject that is closer than about 1.3m (4.3ft.) from the camera, the area within the guide will be in the picture (see the diagram above). Compose the picture so that the subject that you want is within the guide.

- When taking close-ups, the area seen through the viewfinder and the area seen by the lens for the photographed subject will be different. This is because the viewfinder and lens are not in the same position, a difference known as "parallax". The parallax correction guides indicates the difference between what the viewfinder sees and what the lens sees when the picture is taken.

●Subjects not Suitable for Auto-focus

There are a few conditions when the camera's auto-focus system may not work well. At these times, use the "Auto-focus Lock" settings (→p.24) or the "Landscape Mode" setting (→p.38). Here are some examples:

- A bright light source within the picture such as the sun near the subject, a strong light reflection such as from water or from the windshield of a car;
- A mirror or other strongly reflective surface near the center of the picture;
- When the subject is only composed of vertical lines;
- When the subject is moving at high speed;
- When the background is much brighter than the subject.

In the following cases, the AF lamp blinks slowly to warn you that the picture is out of focus. The focusing range is fixed at about 3m (9.8ft.) – ∞.

- When the contrast of the subject is very low.



- When the subject is composed of a repeating pattern.



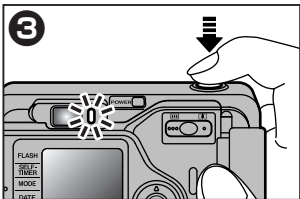
3

USING THE AUTO-FOCUS LOCK

- 1** In the example shown at left, the AF frame is off the subject (in this case, the people). In this case the lens will not focus on the subject but the background.



- 2** Move the camera to position the AF frame over the subject.



- 3** With the AF frame positioned over the subject, press the shutter release button down halfway to set the auto-focus lock.

☞ Check that the AF lamp (green) lights up.



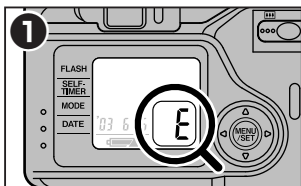
- 4** While holding the shutter release button down halfway to keep the auto-focus lock on, move the camera back to the original position, then press the shutter release button down completely.

● The auto-focus lock can be done again any number of times before the shutter is released.

4

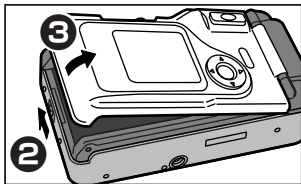
TAKING OUT THE FILM

Taking Out the Film



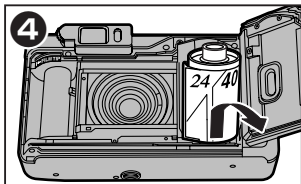
- 1 When the last frame in the film has been used, the lens is stored in the camera and the film rewinds.

When rewinding is complete, “E” is showing on the counter.



- 2 Slide the camera back lock slowly in the direction of the arrow.

- 3 Open the camera back in the direction indicated by the arrow.

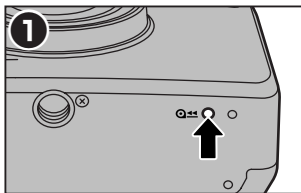


- 4 Taking out the film.

- When taking out the film, take care not to touch the lens, and prevent dust or other debris from getting in the camera.
- Sometimes more photographs can be taken than the stated number of pictures, but the final frame may not be printed.
- ⊗ Do not apply force to the camera back.
- Check that the motor has stopped and that “E” is displayed. If the camera back is opened before “E” is displayed, the following may occur (→p.27).
 - The film is exposed to the light and pictures are lost.
 - When the next film is loaded, it is rewound and “E” is displayed.

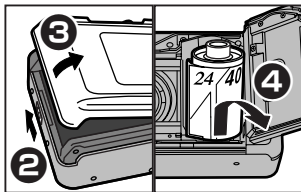
TAKING OUT THE FILM

Taking Out the Film in Mid-roll



- 1 Press the **Q** button with the point of a pen or something similar.

When rewinding is complete, “E” is displayed.



- 2 Check that the motor has stopped and that “E” is displayed before taking out the film.

- Film cannot be reused once it has been rewound. Do not press the **Q** button except when taking out the film for developing.
- Do not press the **Q** button with any object that has a sharp point such as a pin, needle or a very sharp pencil.

● Cautions to Be Handled When the Film is Loaded in the Camera





- Do not open the camera back while the film in mid-roll is loaded in the camera.
 - ☞ If the camera back is opened while the film in mid-roll is loaded in the camera, the film may be exposed to the light and your pictures lost.
 - ☞ The picture counter is reset to “1”.

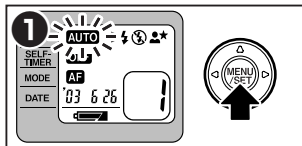
If the camera back is opened by mistake:

- ① Close the camera back without taking out the film.
- ② The remaining frames can be used.


*Since the picture counter is reset to “1” when the camera back is opened, the correct the film count is not displayed. However, you can continue to take pictures until the roll is finished at which time you will feel a resistance in the film. At this point, rewind the film and take out it from the camera. **DO NOT TRY TO ADVANCE THE FILM ONCE THIS RESISTANCE IS FELT.**

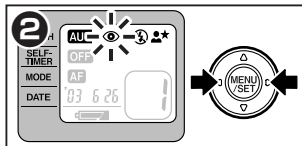
Flash Modes



LCD	AUTO				
Flash mode	Intelligent Multi-programmed Flash Mode	Red-eye Reduction Flash Mode	Fill-in Flash Mode	Flash-off Mode	Night Portrait (Slow Sync) Mode



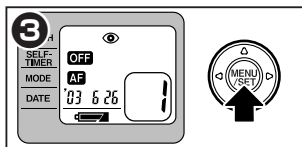
- 1** Turn the camera on and press the MENU/SET button.

 The LCD lights orange, the FLASH menu blinks/lights and the flash mode selection mode is entered.







- 2** Press the   buttons and select the flash mode.

 The selected mode blinks.






- 3** Press the MENU/SET button to complete the setting.

 The LCD changes to green and the mode set is shown.

- Unless the  mode is set, the **AUTO** mode is set when the power is turned off. The  mode is kept even when the power is turned off.
- The  mode is cancelled after each shot.

When you want to use this mode continuously, hold the MENU/SET button down for 2 seconds or longer after choosing the mode (The chosen mode

will continue to blink even after it is set). The mode is kept so that a number of pictures can be taken. The mode is canceled when the power is turned off.











The continuous shooting mode setting in the  mode is cancelled when the continuous shooting mode is selected in the  or  mode (→p.38, 39).

● Effective Flash Range

The flash distance will vary depending upon the film speed (sensitivity to light or ISO rating). When using the flash, keep the subject within the flash range indicated in the chart below.

Film speed	Wide-angle (38mm)	Telephoto (160mm)
ISO 100	0.75 – 3.0m 2.5 – 9.8ft.	0.75 – 1.8m 2.5 – 5.9ft.
ISO 400	0.75 – 6.0m 2.5 – 19.7ft.	0.75 – 3.6m 2.5 – 11.8ft.
ISO 800	0.75 – 8.4m 2.5 – 27.6ft.	0.75 – 5.0m 2.5 – 16.4ft.
ISO 1600	0.75 – 12.0m 2.5 – 39.4ft.	0.75 – 7.2m 2.5 – 23.6ft.

(Using color negative film)

- When the **AUTO**, ,  or  mode is selected and it is very dark, the flash will fire 1 – 4 times when the shutter button pressed down halfway to illuminate the subject and assist the auto-focus.
- When the  mode (→p.38) is selected, the  mode is set and the other mode cannot be selected.
- When the  mode (→p.39) is selected while setting the  or  mode, the **AUTO** mode is selected and the flash mode cannot be chosen other than **AUTO**,  or  mode.

SELECTING THE FLASH MODE

AUTO Intelligent Multi-programmed Flash Mode



Used for general photography.

The amount of light put out by the flash is changed to adjust for the brightness of the subject, the distance, and the zoom.

- For bright remote scenes, the flash does not fire.
- Refer to page 40 – 41 about the intelligent multi-programmed flash for details.

👁 Red-eye Reduction Flash Mode



Reduce red-eye.

The flash will fire briefly 10 times (pre-flash), then fire again to take the picture.

- This mode is kept even when the power is turned off.
- The AF lamp lights up during the 10 brief flashes (pre-flashes), then goes off when the flash fires. Do not move the camera while AF lamp lights up.

● Dealing with Red-eye

When you photograph a person in dim light using the flash, the eye will sometimes appear red in the finished photo. Under low light, the pupils of the eye get bigger for better vision. Red-eye is caused by light from the flash entering the eyes and being reflected back to the lens. Red-eye reduction causes an early flash to fire before the actual picture is taken. This causes the eye to get smaller, reducing this reflection. When the actual flash exposure is made, the degree of reflection is less, thus reducing red-eye.

When using red-eye reduction mode:

- Ask your subject to look directly into the camera.
- Approach as closely as possible to make your picture.

⚡ Fill-in Flash Mode



Use this mode to avoid deep shadows against the light. For example a person standing in front of a window or under a tree with a very bright background. This produces more natural looking photographs.

Unlike the intelligent multi-programmed flash mode, the flash fires even in a bright place.

📷 Flash-off Mode



Used when taking pictures under normal room lighting or taking pictures of subject beyond the flash range such as in a theater or a stadium.

The flash stops firing.

- When taking pictures under low light, use a tripod or other steady camera support whenever possible to avoid unclear pictures.

🌃★ Night Portrait (Slow Sync) Mode



Used when taking pictures of a background in a night scene.

The slow shutter speed/red-eye reduction flash mode can be used to make sure that both people and nighttime background scenery are photographed clearly.

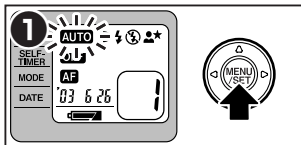
- This mode is cancelled each shot (→p.28).
- As a slow shutter speed is used with this mode, be sure to place your camera on a tripod or other steady camera support to prevent camera shake. It is also important that your subject remain still during the complete exposure.

2

SELECTING THE SELF-TIMER MODE

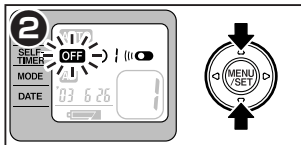
● Self-timer Modes

LCD	OFF	☺	☺ ₂	☺ ₃	☺ ₃ (OFF)
Self-timer mode	Self-timer/ Remote Controller Off Mode (Normal Mode)	Self-timer Mode 1 shot	Self-timer Mode 2 continuous shots	Self-timer Mode 3 continuous shots	Remote Controller Mode (→p.34)



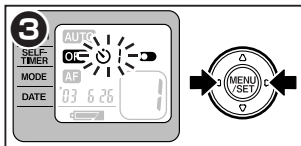
- 1** Turn the camera on and press the MENU/SET button.

☞ The LCD lights orange and the menu selection mode is entered.



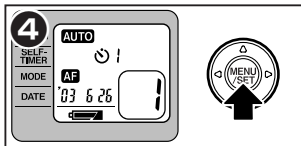
- 2** Press the Δ / ∇ buttons to make the SELF-TIMER menu blink/light.

☞ The self-timer mode selection mode is entered.



- 3** Press the \triangleleft / \triangleright buttons to select "☺" and the number of continuous shots.

☞ Up to 3 continuous shots can be selected.

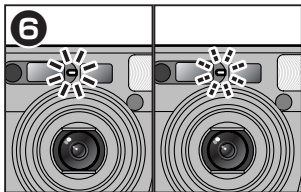


- 4** Press the MENU/SET button to complete the setting.

☞ The LCD changes to green and the mode set is shown.



- 5 Compose the picture and press the shutter release button.



- 6 The camera focuses on the subject that the AF frame is positioned over. The self-timer lamp remains lit for about 7 seconds, it blinks for about 3 seconds, and then the shutter is released.

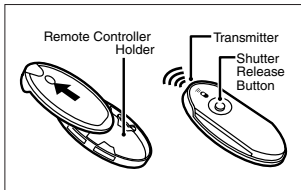
- ☞ When selecting the continuous shots, the shutter is released the set number of times at an interval of between 3 and 9 seconds.

- You can select the auto-focus lock mode also (→p.24).
- The **OFF** mode is set when the power is turned off.
- This mode is cancelled after each shot.
- When pressing the shutter release button, do not stand in front of the camera. This may cause a focusing error or underexposure.
- To stop the self-timer mode after the self-timer has started, press the MENU/SET button.

3

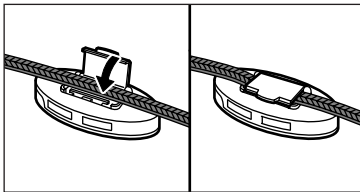
SELECTING THE REMOTE CONTROLLER MODE

A FUJIFILM remote controller is required.



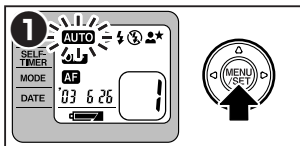
Remove the remote controller from its holder by sliding it in the direction of the arrow.

- To replace the remote controller in the holder, slide the remote controller in the direction opposite to the arrow until it clicks into position.
- The specific remote controller used may be different than the one shown in the picture.



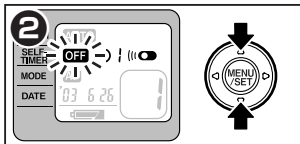
Fit the remote controller holder into the camera strap.

- The remote controller holder can be easily opened with a coin.
- The battery life is about 3 years (based on our test conditions). If the remote controller no longer works, contact your local retailer where you bought your camera or a FUJIFILM service center. A replacement battery will be available at only a small cost.



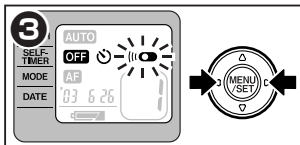
- 1** Turn the camera on and press the MENU/SET button.

☞ The LCD lights orange and the menu selection mode is entered.



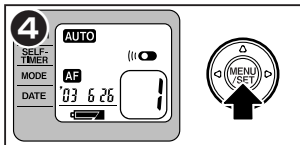
- 2** Press the Δ ∇ buttons to make the SELF-TIMER menu blink/light.

☞ The self-timer/remote controller mode selection mode is entered.



- 3** Press the \triangleleft \triangleright buttons and select the ||| \bullet mode.

☞ The selected mode blinks.



- 4** Press the MENU/SET button to complete the setting.

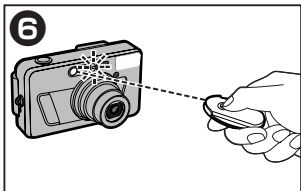
☞ The LCD changes to green and " ||| \bullet " is shown.

- This mode is not cancelled after shooting. It is cancelled when the power is turned off.

SELECTING THE REMOTE CONTROLLER MODE

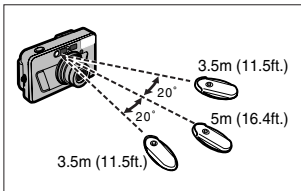


- 5** Aim the AF frame at your subject and compose the picture.




- 6** Point the remote controller toward the camera's remote controller sensor, and then press the remote controller's shutter release button.

☞ After the remote controller lamp blinks for about 2 seconds, the shutter is released.

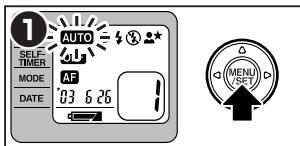


The coverage of the remote controller is up to about 5m (16.4ft.) when used directly in front of the camera, and up to about 3.5m (11.5ft.) when used at a vertical or horizontal angle of 20°.

- A tripod is useful when taking pictures by remote controller.
- The remote controller may not work well when direct sunlight enters the camera's light sensor from behind your subject. Use the  mode (→p.32) in this case.

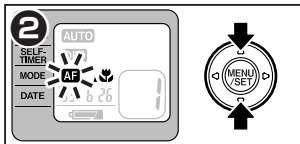
4

SELECTING THE FOCUS MODE



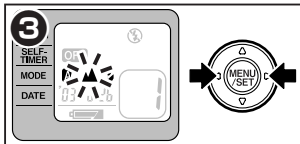
- 1** Turn the camera on and press the MENU/SET button.

The LCD lights orange and the menu selection mode is entered.



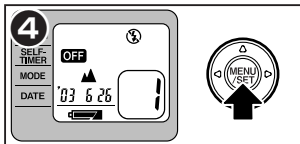
- 2** Press the \triangle ∇ buttons to make the FOCUS menu blink/light.

The focus mode selection mode is entered.



- 3** Press the \triangleleft \triangleright buttons and select the focus mode.

The selected mode blinks.



- 4** Press the MENU/SET button to complete the setting.

The LCD changes to green and the mode set is shown.

- The **AF** mode is set when the power is turned off.
- When the \blacktriangle and \blacklozenge modes are cancelled after each shot.

When you want to use this mode continuously, hold the MENU/SET button down for 2 seconds or longer after choosing the mode (The chosen mode will continue to blink even after it is set). The mode is kept so that a number of pictures can be taken. The mode is cancelled when the power is turned off.

The continuous shooting mode setting in the 2^* mode (\rightarrow p.31) is cancelled when the continuous shooting mode is selected in the \blacktriangle or \blacklozenge mode.

SELECTING THE FOCUS MODE

● Available Flash Modes in the Focus Mode

Focus mode	AF AF (Auto-focus) Mode	▲ Landscape Mode	🌸 Macro Mode
Available flash mode	AUTO	*1	AUTO *2

*1 When the ▲ mode is selected, the is set.

*2 When the 🌸 mode is selected while setting the or mode, the **AUTO** mode is selected.

* The flash mode changes back to the setting before the ▲ or 🌸 mode was selected when the ▲ or 🌸 mode is cancelled.
In the case that the mode (when the continuous shooting mode is not selected) which is cancelled after each shot was set, the mode is set to the **AUTO** mode after the shutter is released and then the ▲ or 🌸 mode is cancelled.

AF AF (Auto-focus) Mode



Used for general photography.

Compose the picture so that the subject is within the AF frame (→p.19).

▲ Landscape Mode

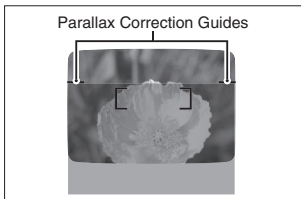


Used when taking pictures of landscapes, or remote (night) scenes through window glass.

The lens is focused for the distant subjects. The flash does not fire.

- When taking pictures under low light, use a tripod or other steady camera support whenever possible to avoid unclear pictures.






Macro Mode



Used when you want to take close-up pictures of small subject such as flowers and insects.

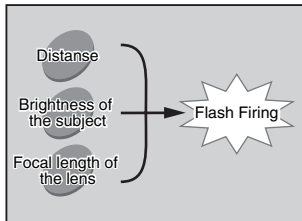
The lens focal length is fixed at 160mm. Compose the picture so that the subject that you want is within the guides.

- The focusing range for clear pictures in this mode is from 0.65m (2.1ft.) to 1.3m (4.3ft.).
- Since the close-up photography, compose the picture so that the subject is within the parallax correction guides.
- When the subject is out of the focusing range, the AF lamp blinks rapidly and the shutter cannot be released (→p.9).
- When the subject is out of focus, the AF lamp blinks slowly and the shutter cannot be released (→p.9). Refer to “Subjects not Suitable for Auto-focus” (→p.23) and use the AF lock.

- When the  and  modes are cancelled after each shot. When you want to use this mode continuously, hold the **MENU/SET** button down for 2 seconds or longer after choosing the mode (The chosen mode will continue to blink even after it is set). The mode is kept so that a number of pictures can be taken. The mode is cancelled when the power is turned off. The continuous shooting mode setting in the  mode (→p.31) is cancelled when the continuous shooting mode in the  or  mode is selected.

Intelligent Multi-programmed Flash

A word on intelligent multi-programmed flash



A new function allows the camera to adjust the amount of light put out by the flash by looking at the brightness of the subject, the distance, and the length of the lens. The flash always fires unless the subject is bright or too far. This flash allows you to take clear pictures. The performance of this camera with this new feature in the close-up photography is better than in cameras with out it. Some practical examples are introduced to explain the effects.



●Close-up photography in a room or night scene

When close-up photography is taken in a dim place with an ordinary flash, it fires at 100%. As a result, the subject is washed out because of too much light. The intelligent multi-programmed flash reduces the light amount down to 3%, preventing the subject from being washed out.



●Portrait photography under very bright light

When a person is photographed in bright daylight, his (her) face is likely to be spotted with shadows of the hair and nose. Even in such a case, the intelligent multi-programmed flash fires to reduce the shadows. Compare a picture taken with the special flash and a picture taken without using this special flash.










●Photography against the sun

When photographing a person who is backlit or standing by a window, the subject appears as a shadow. As a result, they will be too dark to distinguish. In this case, the intelligent multi-programmed flash provides the correct amount of light so that you can take beautiful pictures.




Trouble Shooting

During operation

Problems	Possible Causes	Solutions	See Page
The shutter cannot be released.	① Is "  " blinking on the LCD?	① Replace with the new battery.	13
	② Doesn't the power turn on?	② Press the POWER button.	13
	③ Is "  " blinking on the LCD?	③ The flash is charging. Wait until "  " stops blinking (The flash takes about 6 seconds to charge).	21
	④ Is " E " displayed on the picture counter?	④ Take out the film, and load an unused film.	17
	⑤ Is the AF lamp blinking in the  mode?	⑤ Taking pictures at 0.65 – 1.3m (2.1 – 4.3ft.) or use the AF lock so that the AF lamp lights up.	39
After loading the film and closing the camera back, " E " blinks.	● Is the film pulled out to the FILM TIP mark? Is it pulled out beyond the FILM TIP mark?	● Adjust the film length so that the film tip is at the FILM TIP mark, and load the film again.	18
After loading the film and closing the camera back, the film is rewound and " E " is displayed.	● Did you open the camera back so as to take out the film without checking that the motor has stopped and that " E " is displayed?	● Check that the motor has stopped and that " E " is displayed. After that, open the camera back and take out the film.	25
The film is rewound during photographing.	● Did you press the  button while the film in mid-roll was loaded in the camera?	● Be sure not to press the  button while the film in mid-roll is loaded in the camera.	26
The picture counter blinks.	● Did you take out the film in mid-roll without rewinding?	● After taking out the film, remove the battery, press the POWER button, and check that the picture counter is no longer displayed. Then load the battery again.	27

Problems	Possible Causes	Solutions	See Page
"  " blinks and the shutter cannot be released.	● The camera is broken.	● Please contact a FUJI-FILM authorized distributor.	

Printed picture

Problems	Possible Causes	Solutions	See Page
Picture is not sharp.	① Was your finger on the AF windows when shooting?	① When taking pictures, hold your camera correctly so that your finger is not on the AF windows.	19
	② Did you aim the subject properly?	② Compose the picture in the AF frame and shoot, or take pictures using AF lock.	24
	③ Was the lens dirty?	③ Clean the lens.	45
	④ Was your camera moving?	④ Hold the camera firmly and press the shutter release button gently. Use a tripod for slow shutter speeds.	19
	⑤ Did you select  mode when shooting at a close distance?	⑤ Select a mode other than  mode.	37
Picture is too dark.	① Was subject too far from the camera for flash photography in a dark place?	① Taking pictures within the effective flash range.	29
	② Was your finger over the flash?	② Do not cover the flash with your finger.	19
	③ Was the subject backlit from being taken next to a window, etc?	③ Select the AUTO mode or the  mode.	28

Trouble Shooting

Problems	Possible Causes	Solutions	See Page
Printed date/time is incorrect.	<ul style="list-style-type: none">● Didn't you set correct date and time after replacing with the battery?	<ul style="list-style-type: none">● Set date and time after replacing with the battery.	14
The date is not printed on the front./The date is not printed clearly.	<ol style="list-style-type: none">① Did you select the "OFF" mode before taking pictures?② Was there something light-colored (white, yellow, orange) where the date appears?	<ol style="list-style-type: none">① Select a date mode other than the "OFF" mode before taking pictures.② Try to arrange that there is no light colored background where the date appears.	16 16

Common Sense Camera Care

1. Although your camera is designed for many years of service, it is electronic and requires careful handling. Avoid exposing it to shock, moisture or physical abuse.
 - 1) If you use your camera at the beach or in a light rain, protect it from moisture. Do not let your camera get wet. Be particularly careful to avoid sand and salt spray at the beach.
 - 2) Dropping your camera or letting it strike a hard surface could result in damage even if the camera was in a case. Never subject the camera to vibration such as in the trunk of a car. Never keep your camera in the trunk or the glove compartment of a car-as the heat build-up can damage it.
2. Your camera is computer-controlled. If you should experience incorrect operation, remove the batteries and then reload them.
3. If you will not be using your camera, store it where it will be safe from heat, moisture, dust and harmful gases such as those caused by moth balls and moth flakes.
4. Never store the camera in a closed automobile.
5. It is recommended that undeveloped film and cameras containing film be carried as hand luggage when flying. If included in checked-in baggage, X-ray inspections may cause overprinting or other effects.
6. Remove soil and dust from the lens, the AF windows and the viewfinder with an air blower and by wiping lightly with a piece of soft clothes. If that is not enough, wipe off gently with Lens Cleaning Paper, moistened slightly with Lens Cleaning Liquid. Do not use organic solvents such as alcohol and benzene.
7. Dust and debris in the film compartment can scratch the film. Use a blower brush to clean it.
8. Load and remove film away from direct sunlight.
9. The operating temperature range of the camera is from -10°C to $+40^{\circ}\text{C}$.
10. Since batteries do not work well in cold weather, warm the batteries by placing inside your garments, etc. before use. A battery that is not working well due to cold will work again when the temperature is return to normal.

With a few common sense precautions, your camera will give you years of faithful service, great pleasure and wonderful pictures.

Specifications

Film	135 (35mm) DX roll film
Picture Size	24mm × 36mm
Lens	Super EBC Fujinon zoom lens, 6 components, 7 elements, f=38 – 160mm 1:5.8 – 1:12.5
Viewfinder	Real image zoom finder, 0.40 – 1.52 × magnification, with AF frame, parallax correction guides, AF lamp, Viewfinder diopter adjustment (Diopter: -2.5 to +0.5)
Focusing	Passive auto-focus, 0.75m/2.5ft. – ∞, with AF lock, landscape mode (long distance lens position setting, flash off set- ting), macro mode (f=160mm fixed, focusing range: 0.65 – 1.3m/2.1 – 4.3ft.), AF lamp
Shutter Release	Programmed electronic shutter release, 1 – 1/500 sec. shutter speeds
Exposure Control	Automatic Interlocking range (ISO 100), Wide-angle (at 38mm): EV10.9 (*6) – 17, Telephoto (at 160mm): EV14.5 (*7.6) – 17 (* = values for the flash off mode)
Film Speed Setting	Automatic (DX roll film) for speeds from ISO 50 – 3200
Film Loading	Automatic If the film doesn't advance, the shutter cannot be released and the "E" blinks on the LCD.
Film Advance	Automatic (motorized) film wind and rewind system, provision for mid-roll rewinding (use the mid-roll rewind button)
Flash	Intelligent multi-programmed flash, about 6 seconds recycle time, intelligent multi-programmed flash mode, red-eye reduction flash mode, fill-in flash mode, flash-off mode, night portrait (slow sync) mode Red-eye reduction flash mode system: after 10 brief flashes (pre- flashes), the flash fires for taking pictures
Self-Timer	Electronically controlled, up to 3 continuous shots, about 10 sec- ond delay, can be stopped mid-run, self-timer on lamp
Liquid Crystal Display	Picture counter (additive type), flash mode, self-timer/remote con- troller mode, focus mode, date mode, battery status, flash charg- ing sign *With back light
Power Supply	One CR2/DL CR2 lithium battery
46 Others	Date/time imprinting, tripod socket, remote controller (compatible)

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**Dimensions &
Weight**

108.0 × 61.0 × 45.0mm/4.3 × 2.4 × 1.8in. (main unit),
185g/6.5oz. (without battery)

*Specifications are subject to change without notice.



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